
Preparation for upcoming OA 40/50 ISMS Audit

September 22, 2005

DOE Integrated Safety Management System (ISMS) Audit

- Combined Emergency Management and ES&H Inspection
 - Scoping Visit February 1-2, 2006
 - Planning Visit March 13-17, 2006
 - Data Collection March 27-April 7, 2006
 - Validation & Closeout April 18-20, 2006
- Major preparation/effort required by everyone

DOE Integrated Safety Management System (ISMS) Audit

- Scope of Review has not been provided
- Probable scope based on principal findings from recent ISM Review at other Labs
 - IH Monitoring
 - Construction Safety
 - Nuclear Safety
 - EMS
 - Work Planning/Skill-of-the-worker/Change control
 - Corrective Action Management
 - Lessons Learned
 - Worker Feedback and Improvement
 - Hoisting & Rigging

DOE Integrated Safety Management System (ISMS) Audit Preparation

- BNL Project Manager and consultants to conduct gap analysis and develop project plan
 - 9/29-30/05 Onsite planning meeting
 - 10/17-28/05 Review
- Share site has been created for OA 40/50 Review preparation <http://www.bnl.gov/qmo/ism.asp>
- Review reports from previous ISM Assessments for closure of corrective actions as well as effectiveness of corrective actions

DOE Integrated Safety Management System (ISMS) Audit Preparation

■ SBMS

- Consolidate 4 existing Management Systems into one ISM Management System
- Update Program Descriptions to explain how ISM is implemented taking credit for OHSAS 18001 and ISO 14001
- Provide training on Subject Areas that pertain to safety and quality

DOE ISM 5 Core Values	OHSAS 18001 Clauses	ISO 14001 Clauses	SBMS MS and SAs
1. Define the scope of the work	4.3 Planning 4.3.3 Objectives 4.3.4 OSH management program	4.3 Planning 4.3.3 Objectives 4.3.4 OSH management program	TBD
2. Identify and analyze hazards	4.3.1 Planning for hazard identification, risk assessment and risk control 4.3.2 Legal and other requirements	4.3.1 Environmental aspects 4.3.2 Legal and other requirements	TBD
3. Develop and implement hazard controls	4.4 Implementation and operation 4.4.6 Operational control 4.4.7 Emergency preparedness and response	4.4 Implementation and operation 4.4.6 Operational control 4.4.7 Emergency preparedness and response	TBD
4. Perform work within authorization agreement	4.4.3 Consultation and communication 4.4.6 Operational control	4.4.3 Consultation and communication 4.4.6 Operational control	TBD
5. Feedback and improvement	4.4.3 Consultation and communication 4.5 Checking and corrective action 4.5.1 Performance measurement and monitoring 4.5.2 Accidents, incidents, non-conformances and corrective and preventive actions 4.5.4 Audit 4.6 Management review	4.4.3 Consultation and communication 4.5 Checking and corrective action 4.5.1 Performance measurement and monitoring 4.5.2 Accidents, incidents, non-conformances and corrective and preventive actions 4.5.4 Audit	TBD

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Actions for Managers

- Read the Program Description and make a list of the responsibilities for Managers that should be in their R2A2
- Individual managers' goals and objectives (in their performance appraisal plan) should include their ISM responsibilities
- Ensure that R2A2's and JTA's for managers and staff are current and reflect "Lessons Learned"
- Conduct thorough and comprehensive Tier 1 inspections. Ensure that actions are taken (eliminate long-standing problems, close action items in a timely way, provide feedback/follow through on worker suggestions and improvements, etc.)
- Pay particular attention to areas of recent concern and ensure that you are satisfied that you don't have any problems in your area (e.g. electrical safety, material handling, hoisting and rigging, suspect counterfeit parts)
- Get current on the status of the correction of OSHA deficiencies in your area (including those identified in the OSHA inspection as well as those identified in Tier 1 inspections)
- Check to see that worker feedback for work planning and workplace safety is solicited, appropriately addressed and follow-through conducted

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Actions for Managers (continued)

- Ensure ATS (or similar internal action tracking) commitments have been addressed, verified, and closed out.
- Training of guests and visitors is typically <90%. Is that okay? How do you know its okay?
- Take whatever measures you feel necessary to make sure ES&H and quality requirements have been adequately communicated to subcontractors and that they are working to those requirements
- Make sure that SBMS subject areas and supporting standards do not contain outdated information
- Be familiar with the processes you employ that make ISM work within in your scope of responsibility and be prepared to talk about how well they work (e.g. experimental review process, training for inhouse staff, environmental management system implementation, job risk assessments, workplace inspections and self assessments, employee safety meetings, the role of your ESH coordinators, work planning coordinators, ECRs, waste management representatives, field support representatives, and etc.)

Questions?